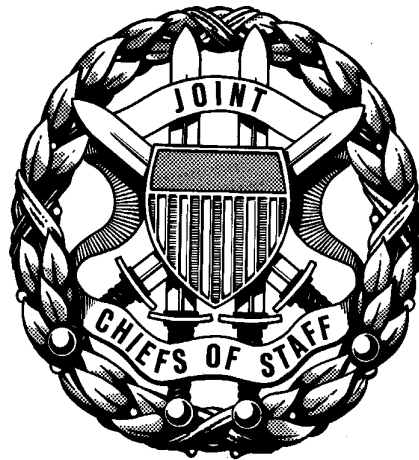


CJCSM 3150.07
1 October 1998

JOINT REPORTING STRUCTURE (JRS) COMMUNICATIONS STATUS



JOINT STAFF
WASHINGTON, D.C. 20318-0400

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J-6

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CJCSM 3150.07

1 October 1998

JOINT REPORTING STRUCTURE COMMUNICATIONS STATUS

1. Purpose. This manual provides the Joint Staff, combatant commands, Services, and Defense Agencies pertinent information concerning conditions that impose serious degradation of communications operations within the transport layer of the Defense Information Infrastructure (DII).
2. Cancellation. JP 1-03.10, 15 January 1993, "JRS Communications Status", is superceded.
3. Applicability. This manual applies to the Joint Staff, combatant commands, Services, and Defense Agencies.
4. Procedures. Joint Staff, combatant commands, Services, and Defense Agencies depend on the information transport services of the DII to provide timely and accurate information. Communications status (COMSTAT) and communications spot (COMSPOT) reports provide pertinent summary information on the global communications events that will have an impact on major users' service requirements. See Enclosure A for general guidance on COMSTAT submission, and Enclosure B for general guidance on COMSPOT submission.
5. Summary. This manual reformats the Joint Publication into a Chairman of the Joint Chiefs of Staff Manual. Communications systems subject to reporting requirements have been updated.
6. Effective Date. This manual is effective upon receipt.
7. Releasability. This manual is approved for public release; distribution is unlimited. DOD components (to include the combatant commands), other Federal agencies, and the public may obtain copies of this manual

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through the Internet from the CJCS Directives Home Page--
<http://www.dtic.mil/doctrine/jel/cjcsd.htm>. Copies are also available
through the Government Printing Office on the Joint Electronic Library
CD-ROM.



DENNIS C. BLAIR
Vice Admiral, U.S. Navy
Director, Joint Staff

Enclosure(s):

- A – Communications Status (COMSTAT) Report
Appendix – Sample COMSTAT Report
- B – Communications Spot (COMSPOT) Report
Appendix – Sample COMSPOT Report

DISTRIBUTION

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ENCLOSURE A

COMMUNICATIONS STATUS REPORT

1. Purpose. To provide the Joint Staff, combatant commands, Services, and other addressees pertinent summary information on the global communications events that have occurred during the reporting period within the transport layer of the Defense Information Infrastructure (DII).

2. Submitted By. Defense Information Systems Agency (DISA) Global Operations and Security Center (GOSC) will submit the Communications Status Report (COMSTAT).

3. Submitted To. The report will be submitted to the Joint Staff, combatant commands, Services, and other addressees who have identified a requirement for the report.

4. When Submitted. The period covered in each report is 1 day, 0800-0759Z. The COMSTAT will be submitted daily for the preceding 24-hour period. The report is due to be received by action addressees not later than 1200Z each day. During exercises or war, reports will be submitted as directed by the Joint Staff.

5. How Submitted

a. Classification. The COMSTAT report will be classified according to content.

b. Method of Transmission. The report will be sent via record communications.

6. Reports Requirements. Reports required by this manual are exempt from normal reporting procedures in accordance with DOD Manual 8910.01M.

7. Specific Reporting Instructions. COMSTAT is a narrative report, as defined in paragraph 8.

8. Report Content

a. Part I, Executive Summary. This part is limited to significant events of interest to top-level management that had a major impact on the overall DII.

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b. Part II, Detailed Network Information. This part will cover the last 24 hours of communications outages affecting command and control networks, switched networks, Defense Satellite Communications System (DSCS), and items of special interest. Part II will be phrased in nontechnical language and will include the following reportable items:

(1) Command and Control Networks

(a) Chairman of the Joint Chiefs of Staff Alerting Network (CJCSAN). Complete isolation of any CJCSAN subscriber for 10 minutes or longer.

(b) Digital Remotely Programmable Conference Arranger (DRPCA). The failure of a digital conference arranger for 10 minutes or longer.

(c) Worldwide Secure Voice Conferencing System (WWSVCS). Denial of any WWSVCS subscriber access for 10 minutes or longer.

(d) Improved Emergency Message Automatic Transmission System (IEMATS). The complete isolation (outages on all wideband trunks) of any IEMATS subscriber for 10 minutes or longer.

(2) Switched Networks

(a) Defense Switched Network (DSN). A switch failure or isolation of 15 minutes or longer. A complete PBX/EPX failure or isolation of 4 or more hours. Gateway switch degradations which affect interarea calling capabilities to the extent of requiring code cancellation.

(b) Defense Information System Network (DISN). For NIPRNET: failure or isolation of a Joint Interface System (JIS) router for 15 minutes or longer, a core router for 1 hour or longer, or a hub router for 4 hours or longer. For SIPRNET: failure or isolation of a hub router for 1 hour or longer. For a DISN network management multiplexer, a failure or isolation of 1 hour or longer.

(c) AUTODIN/Defense Message System (DMS). The failure or isolation of any AUTODIN Switching Center (ASC) or DMS Transition Center (DTC) for 15 minutes or longer.

(d) Defense Red Switch Network (DRSN). The failure or isolation of any Red switch for 15 minutes or longer.

(3) Defense Satellite Communications System (DSCS). Any failure of a DSCS earth terminal, link, or major trunk of 15 minutes or longer.

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Any failure of a DSCS satellite which interrupts service, regardless of duration.

(4) Enhanced Pentagon Capability (EPC). Loss of two or more satellite or fiber optic links which results in isolation of one or more EPC conference locations.

(5) Items of Special Interest

(a) Natural Disaster. Calamitous events such as earthquakes, volcanic eruptions, etc., that damage DII facilities.

(b) Facility Isolations. A facility, which does not fall under another category, isolated from the DII for 15 minutes or longer. A communications isolation exists when a facility does not have at least one circuit (excluding orderwires) operational for connection to the DII.

(c) Traffic Restrictions. Any change in MINIMIZE or suspended telecommunications (SUSTEL) conditions. SUSTEL is imposed by the Department of State when an Embassy or Consulate is temporarily closed.

(d) Weather. Weather reports on hurricanes and typhoons that threaten DII facilities. Report should include position, speed, forecast track, and facility threatened.

(e) Commercial. Failure of a commercially leased facility lasting 15 minutes or longer. Any commercial transmission media failure of 1 hour or longer for data rates above 6.3 Mbps, or 2 hours or longer for data rates above 1.5 Mbps, which significantly affect DII service.

(f) Exercise, Operations, or War. Any major exercise, operation, or war that is supported by DII facilities.

c. Part III: Facilities/Links/Trunks Which Have Failed and Remain Down. This part will provide detailed information on communications disruptions that significantly degrade the DII and have not been restored during the reporting period.

d. Part IV: Facility/Link/Trunk Restorals During the Past 24 Hours. Part IV provides details of restoral from communications disruptions that have significantly degraded the DII. This part will include restorals of disruptions from the previous reporting period, as well as failures and restorals completed during the current reporting period.

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e. Part V: Traffic Statistics. Part V will provide traffic statistics that identify network trends. The content of and requirement to initiate Part V will be directed by the Joint Staff during periods of special emphasis (e.g., contingency or crisis situations).

9. Sample Report. See Appendix A of this Enclosure.

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APPENDIX A TO ENCLOSURE A

SAMPLE COMSTAT REPORT

(Classification)

PART I

(U) Date: 1 Sep 98

(U) Executive Summary:

There were no significant events that had a major impact on the DII.

PART II

(U) Detailed Communications Information:

1. (U) Command and Control Networks
 - A. (U) CJCSAN: No reportable outages
 - B. (U) DRPCA: No reportable outages
 - C. (U) WWSVCS: No reportable outages
 - D. (U) IEMATS: No reportable outages
2. (U) Switched Networks:
 - A. (U) DSN: No reportable outages
 - B. (U) DISN: No reportable outages
 - C. (U) AUTODIN/DMS: No reportable outages
 - D. (U) DRSN: No reportable outages
3. (U) DSCS: No reportable outages
4. (U) EPC: No reportable outages
5. (U) Items of Special Interest:
 - A. (U) Natural Disaster: None
 - B. (U) DII Facility Isolations: None
 - C. (U) Traffic Restrictions:
 - (1) (U) MINIMIZE: None
 - (2) (U) SUSTEL: None
 - D. (U) Weather: None
 - E. (U) Commercial: No reportable outages
 - F. (U) Exercises, Operations, or War: None

PART III

(U) Facilities/Links/Trunks which have failed and remain down: None

PART IV

(U) Facility/Link/Trunk restorals during the past 24 hours:

Outage: R2375/PCM cable link

Capacity: 1.544 MBPS

Location/Path: TANGO/Yongsan, KS

Outage Period: 2 hours 45 minutes (010045-010330Z SEP 98)

Reason: Cut cable

Restoration: Maintenance spliced cable

Restoral: DISA-NWP Restoral Plan N1772 was implemented between 010049 and 010330Z, restoring 15 circuits (2 priority one)

(Declassification instructions)

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ENCLOSURE B

COMMUNICATIONS SPORT REPORT (COMSPOT)

1. Purpose. To provide the Joint Staff, Combatant commands, Services, and other designated addressees pertinent information concerning conditions that impose serious degradation of communications operations within the transport layer of the Defense Information Infrastructure (DII).
2. Submitted By. DISA Regional Operations and Security Centers (ROSCs) will submit the COMSPOT.
3. Submitted To. The report will be submitted to the Defense Information Systems Agency (DISA) Global Operations and Security Center (GOSC).
4. When Submitted. Reports will be required when a threatening or disruptive condition exists, when a major change in situation has taken place, and when the disruption or threat has terminated. The responsible operations center will send a COMSPOT report within 30 minutes of being notified of a reportable situation. Subjects that require submission of this report are:
 - a. AUTODIN/Defense Message System (Subject Code DIN). The failure or isolation of an AUTODIN switching center (ASC) or DMS Transition Center (DTC) for 15 minutes or longer.
 - b. Commercial (Subject Code COML). Failure of a commercially leased facility or link of 15 minutes or longer that significantly affects DII service.
 - c. Link or Trunk Outage (Subject Code MEDIA). The failure of a link (other than commercial or DSCS) or significant (critical, high data rate, etc.) trunk, lasting 15 minutes or longer.
 - d. Facility Outage or Isolation (Subject Code STA). Any facility outage or isolation (which does not fall under another subject code) for 15 minutes or longer. A communications isolation exists when a facility does not have at least one circuit (excluding orderwires) operational for connection to the DII.
 - e. Defense Information System Network (Subject Code DISN). For NIPRNET: failure or isolation of a Joint Interface System (JIS) router for 15 minutes or longer, a core router for 1 hour or longer, or a hub router

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for 4 hours or longer. For SIPRNET: failure or isolation of a hub router for 4 hours or longer. For a DISN network management multiplexer, a failure or isolation of 1 hour or longer.

f. Defense Satellite Communications System (DSCS) (Subject Code DSCS). A failure of DSCS earth terminal or link (including single-trunk links) of 15 minutes duration or longer. A failure of a DSCS satellite which interrupts service, regardless of duration.

g. Defense Switched Network (DSN) (Subject Code DSN). A switch failure or isolation of 15 minutes or longer. A complete failure or isolation of a private branch exchange (PBX/EPX). Gateway switch degradations that affect interarea calling capabilities to the extent of requiring code cancellation.

h. Enhanced Pentagon Capability (Subject Code EPC). Loss of two or more satellite or fiber optic links which results in isolation of one or more EPC conference locations.

i. Other (Subject Code MISC). Any event that threatens or disrupts communications which does not meet any other subject code criteria, such as a strike, riot, bomb threat, fire, etc.

j. Defense Red Switch Network (Subject Code DRSN). Failure or isolation of any Red switch for 15 minutes or longer.

k. Severe Weather (Subject Code WEA). Weather conditions such as hurricanes or typhoons, which threaten to disrupt, or have disrupted, communications. Include position, speed, forecast track, and determination of threat to facilities, when applicable.

5. How Submitted

a. Classification. This report will be classified according to content.

b. Method of Transmission. The report will be sent via record communications within 30 minutes of being notified of a reportable situation. If a report cannot be sent within the 30-minute time limit, the GOSC should be notified by any means available (voice, e-mail, etc.), with a record communications follow-up as soon as practical.

6. Reports Requirements. Reports required by this manual are exempt from normal reporting procedures in accordance with DOD Manual 8910.01M.

7. Sample Report. See Appendix A of this Enclosure.

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APPENDIX A TO ENCLOSURE B

SAMPLE COMSPOT REPORT

(Classification)

Subject: Disruption 010910 - 010944Z SEP 98 at Tinker ASC

The AUTODIN Switching Center at Tinker, OK was removed from service for 34 minutes due to the failure of the air conditioning system. Once the air conditioning was repaired, the switch was returned to service. Circuits affected were: 11 AUTODIN IST (11 priority one) and 99 AUTODIN access (11 priority one). There was no flash traffic in the system at the time of failure. The worldwide AUTODIN restoral plan was not implemented, due to the brevity of the outage.

(Declassification instructions)

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GLOSSARY

ARPCA	Automatic Remotely Programmable Conference Arranger
ASC	AUTODIN Switching Center
AUTODIN	Automatic Digital Network
CINC	Commander In Chief
COMSPOT	Communications Spot Report
COMSTAT	Communications Status Report
DII	Defense Information Infrastructure
DISA	Defense Information System Agency
DISN	Defense Information System Network
DMS	Defense Message System
DRSN	Defense Red Switch Network
DSCS	Defense Satellite Communications System
DSN	Defense Switched Network
DTC	DMS Transition Center
EPC	Enhanced Pentagon Capability
EPX	Electronic Private Exchange
GOSC	Global Operations and Security Center
IEMATS	Improved Emergency Message Automatic Transmission System
JCSAN	Joint Chiefs of Staff Alerting Network
JIS	Joint Interface System
NCS	National Communications System
NIPRNET	Sensitive But Unclassified Internet Protocol Router Network
PBX	Private Branch Exchange
ROSC	Regional Operations and Security Center
SIPRNET	Secret Internet Protocol Router Network
SUSTEL	Suspended Telecommunications
WWSVCS	World Wide Secure Voice Conferencing System

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